

Invenio at UAB

Invenio User Group Workshop 2013
Forschungszentrum Jülich
18-20 November 2013

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Dipòsit Digital de Documents de la UAB: UAB institutional repository

<http://ddd.uab.cat>



- Using Invenio since 2006; migrating data from older local systems (from 1997).
- 100,000 bib records, 137,000 documents.
- PDFs, images, articles, journals, newspapers, web pages... Digital born material and retrospective digitalizations.
- Ingesting records from many sources, many workflows. Lead by the library.
- High on the Ranking of Web Repositories.

Traces: Catalan language and literature bibliographic database

<http://traces.uab.cat>

traces

- Using Invenio since 2010, migrating from a VTLS system (started on 1988).
- 91,000 bibliographic records, only external full-text references.
- Lead by Catalan Philology Department.
- Small group, using only WebSubmit.

IFMuC: Inventari dels fons musicals de Catalunya

<http://ifmuc.uab.cat>

- Will start using Invenio in 2014 (on paper since 2007).
- Catalog of Catalan musical sources (cathedrals, churches, private collections, etc.), mostly unpublished works.
- Scanned musical incipit for each work.
- Initially with about 8,000 records, extracted from FileMaker Macintosh databases.
- Lead by the Art and Musicology Department.

Infrastructure

- Single HP Proliant DL380 G5 server (4 dual cores, 22 GB, 2 + 2 discs) for production (similar one for test).
- External NFS server for full text documents (~500 GB). Also in a git repo!
- Dual external 15 TB SataBeast iSCSI boxes for digitalization masters.
- Flat system, no virtual machines.
- Debian stable + Invenio 1.1.1.
- Heavy use of quilt for local patches.

Customizations at UAB

- Installation in `/home` (not `/opt`), `apache-itk` to run app as `user`, not `root` nor `www-data`.
- Local files: `/pub` or `/uab` for public or restricted files (trivial Apache rule).
- Improved Marc21 support.
- More than one file per record (breaks Invenio assumption, but we feel it is easier for many cases).
- Own scripts for Marc21 record editing, file uploading and web pages capture.
- Thumbnails for most documents.

How to keep them all running without driving mad

- When we started, each Invenio grew with slightly different features.
- It didn't scale.
- Slowly moved to a single codebase.
- Basically done `(if CFG_DATABASE_NAME == 'ddd'...)`.
- Now everything is defined for all our Invenios; they may use some feature or not, but at least they are synchronized.
- css also in layers: `invenio.css`, `uab.css` for structure, fonts, etc., and *site.css* for colors.